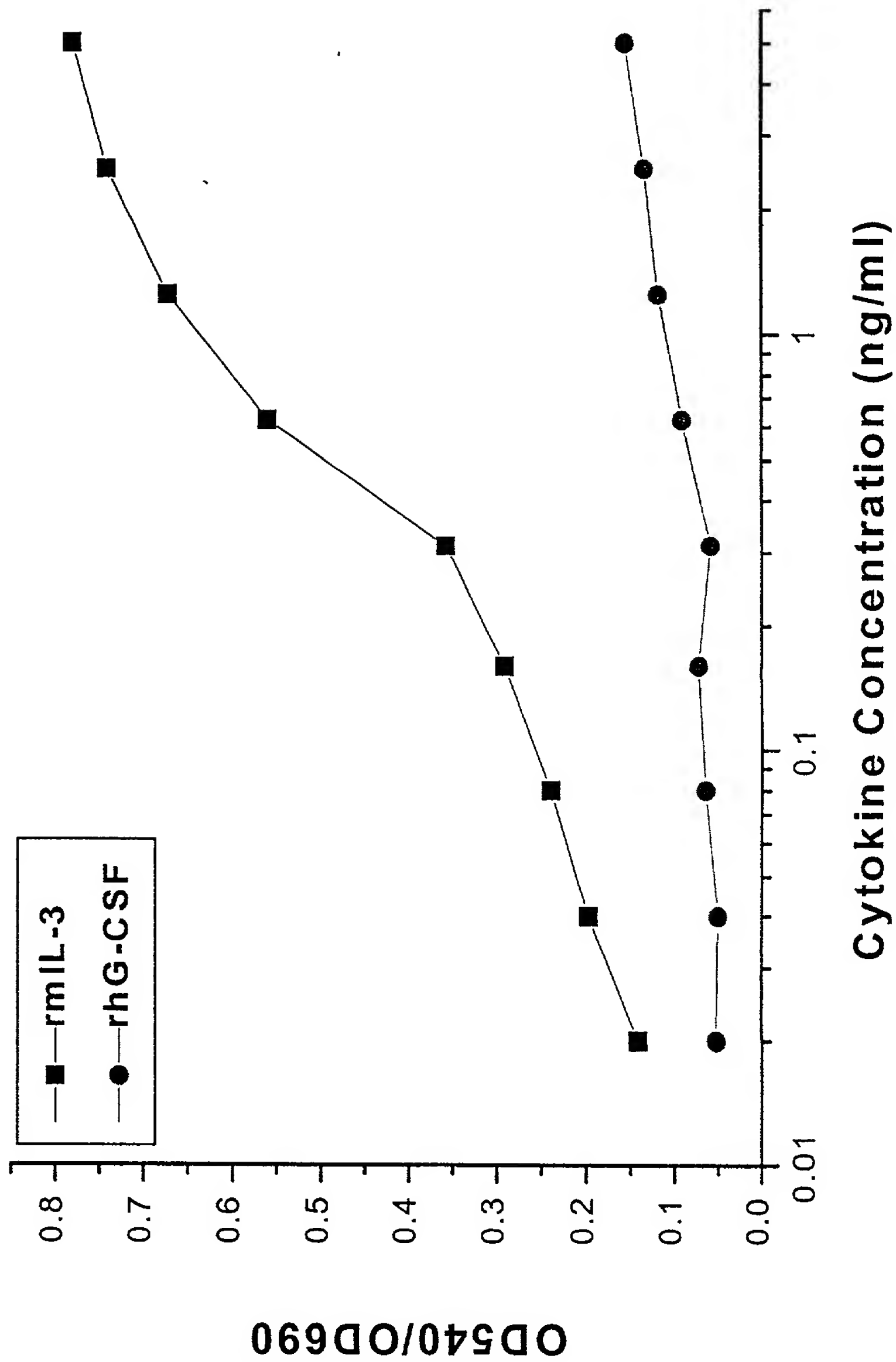
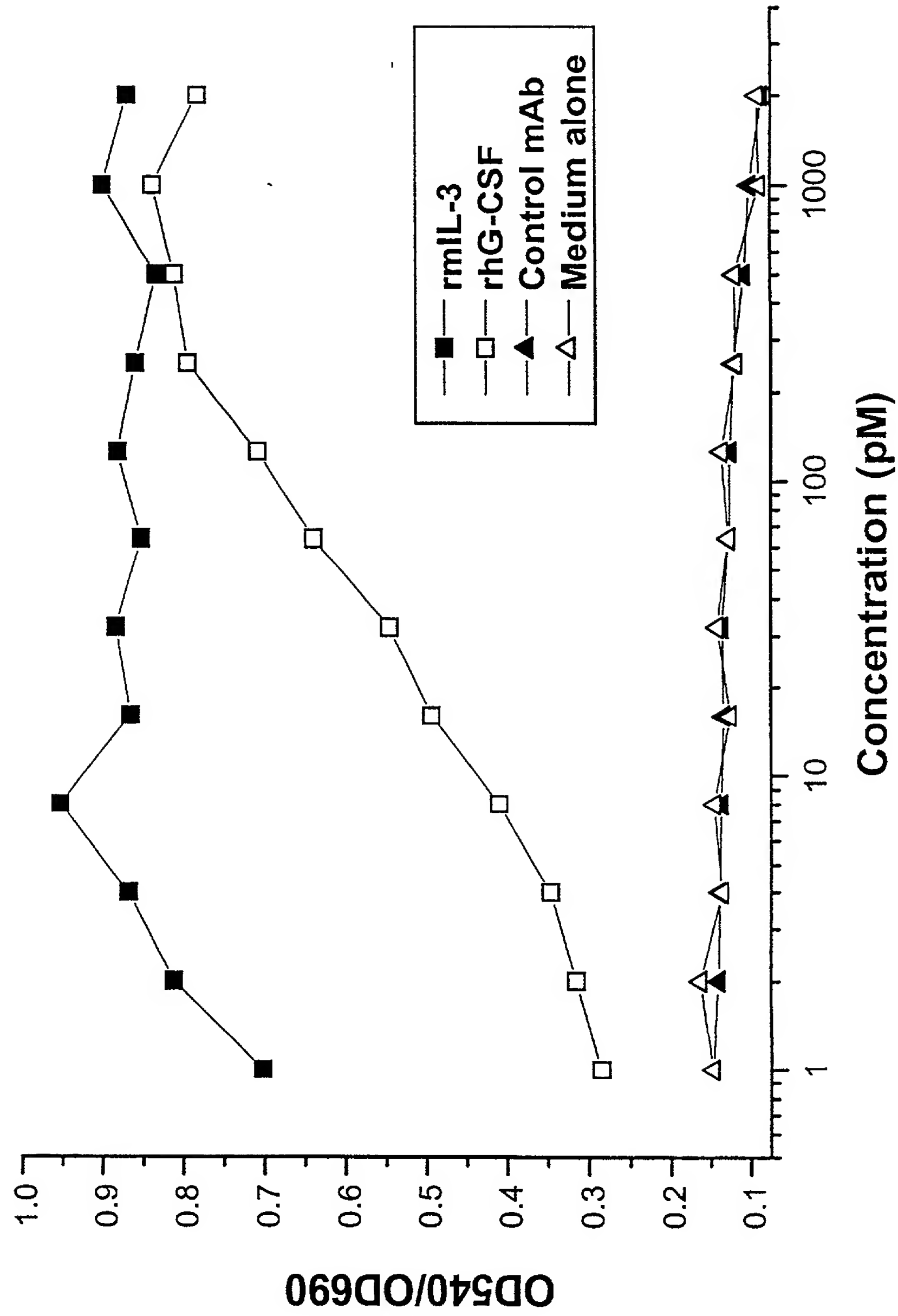


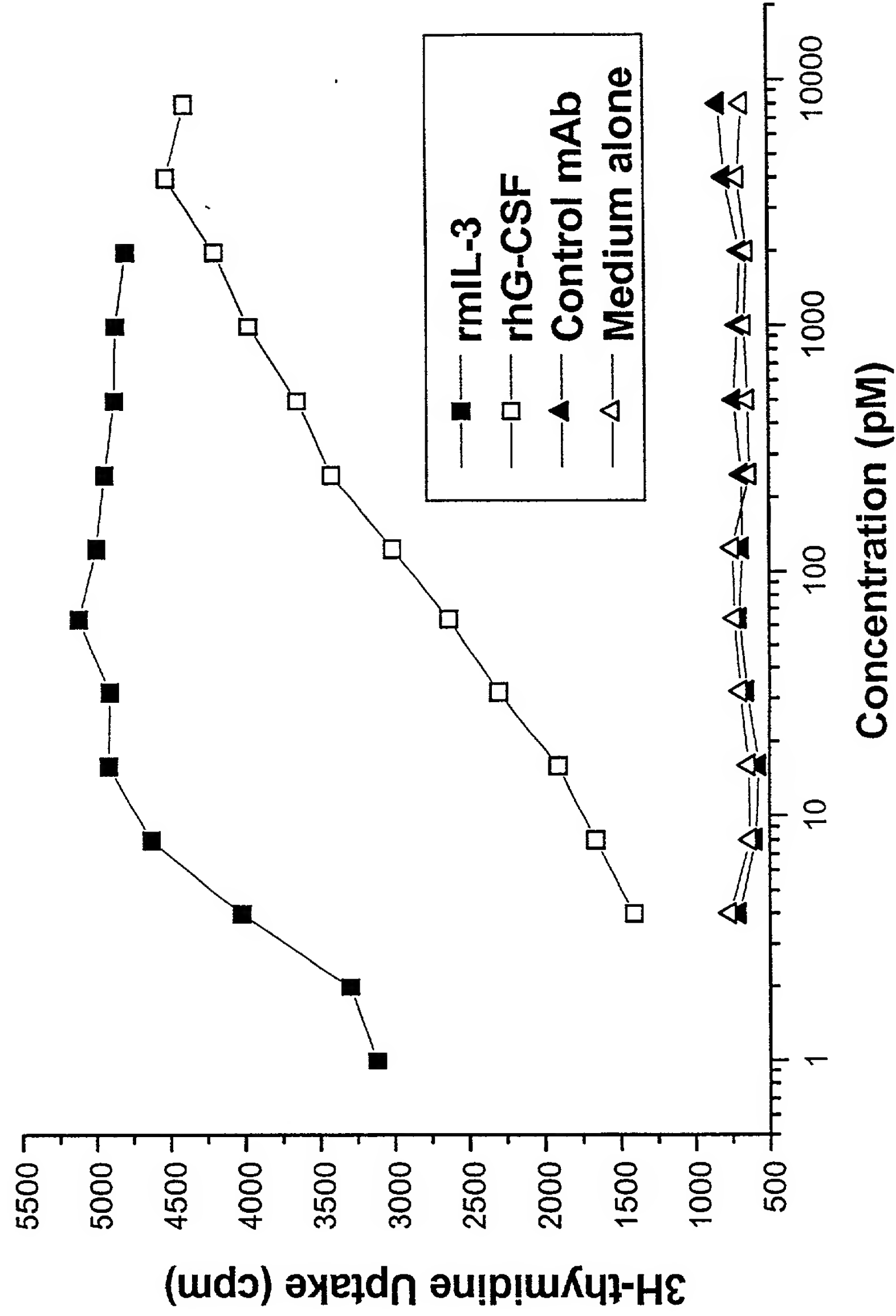
**FIG. 1A Proliferation of mouse cells 32D-cl23 is stimulated only by rmIL-3, but not by rhG-CSF, as measured by a MTT assay**



**FIG. 1B** Proliferation of human G-CSF receptor transfected mouse cells D4 is stimulated by rmIL-3 and rhG-CSF as measured by a MTT assay



**FIG. 1C Proliferation of the human G-CSF receptor transfected mouse cells D4 is stimulated by rmLL-3 and rhG-CSF as measured by  $^3\text{H}$ -thymidine incorporation assay**



**FIG. 2 Tyrosine phosphorylation of JAK2 kinase  
in human G-CSF receptor transfected mouse cells D4 is induced by rhG-CSF**

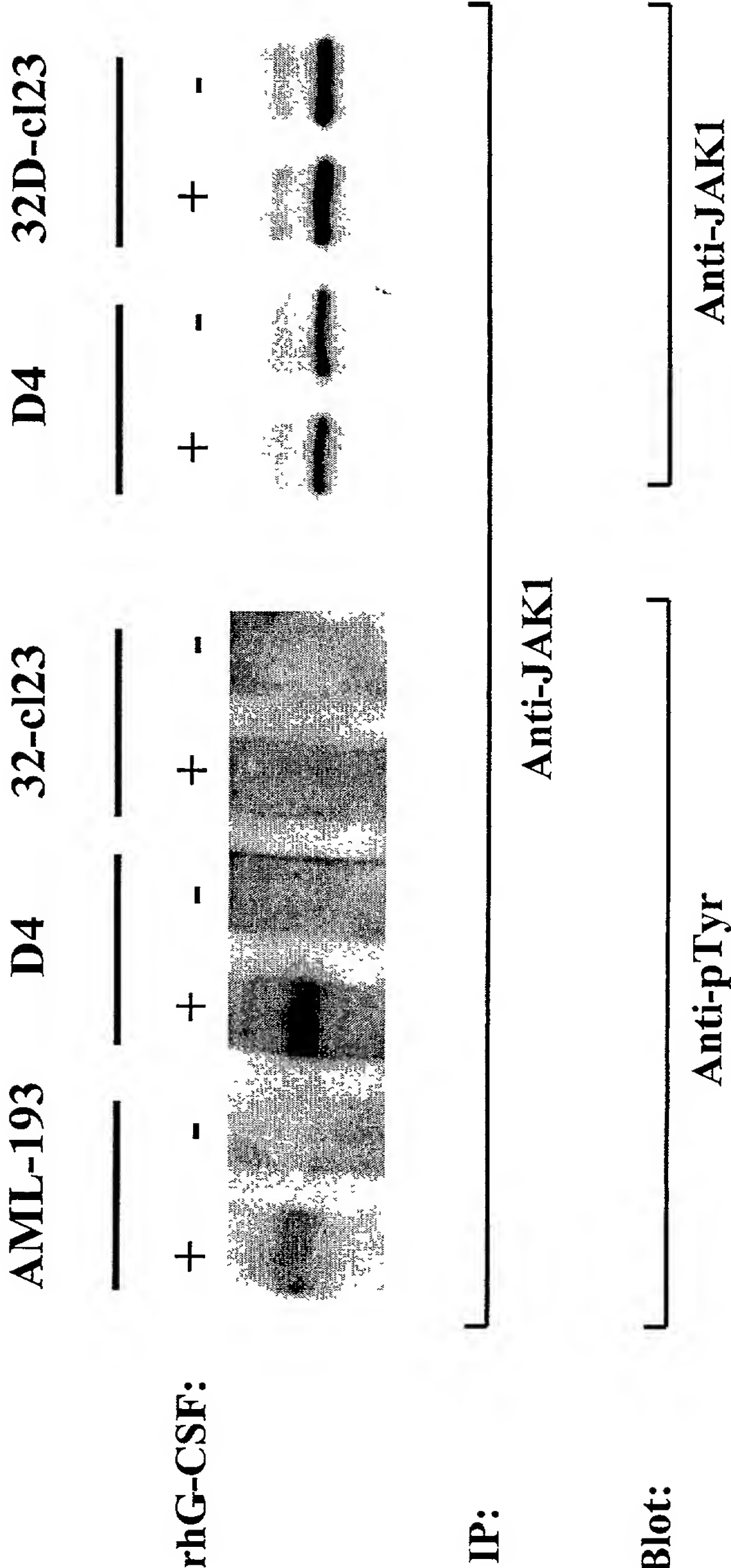
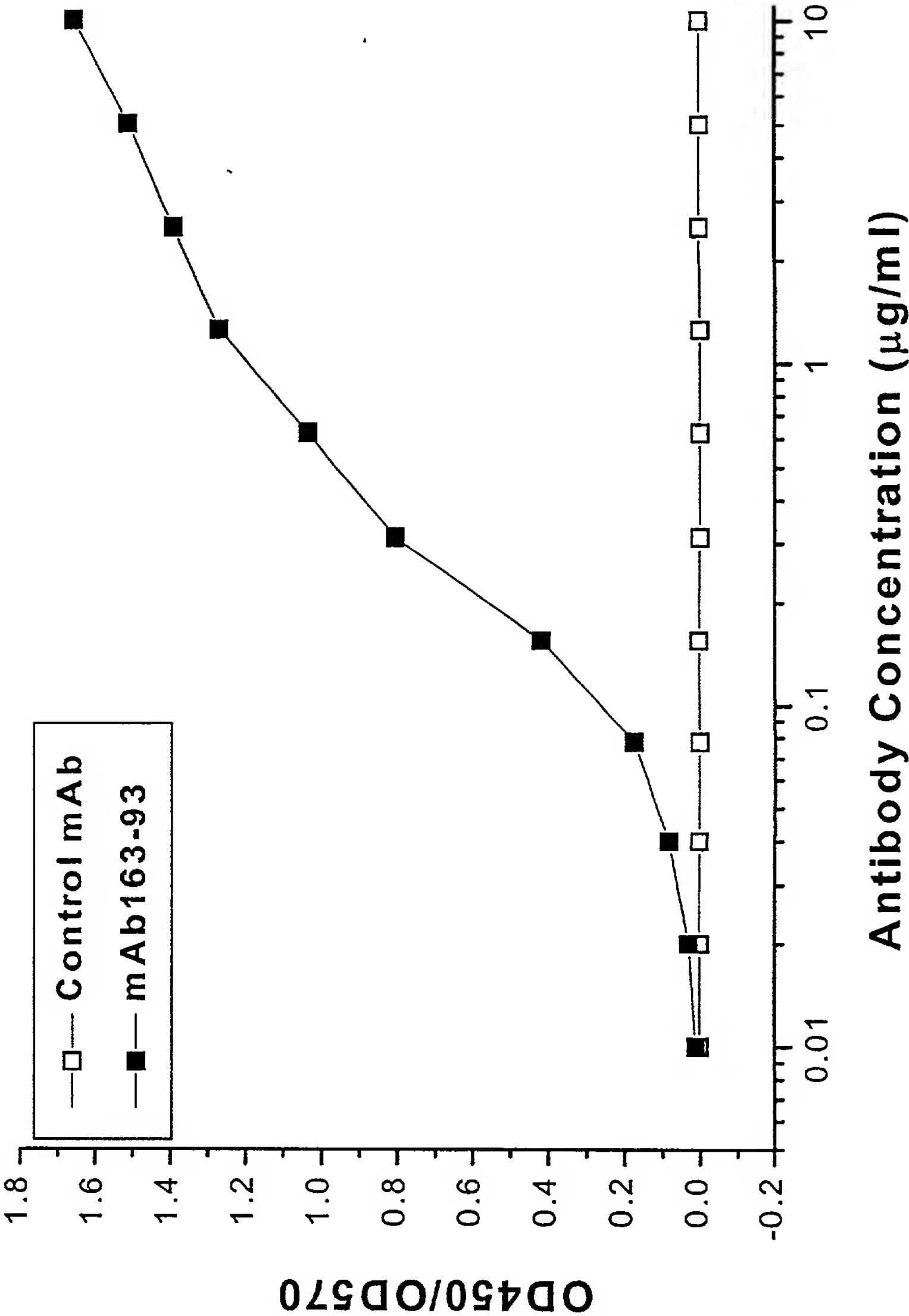
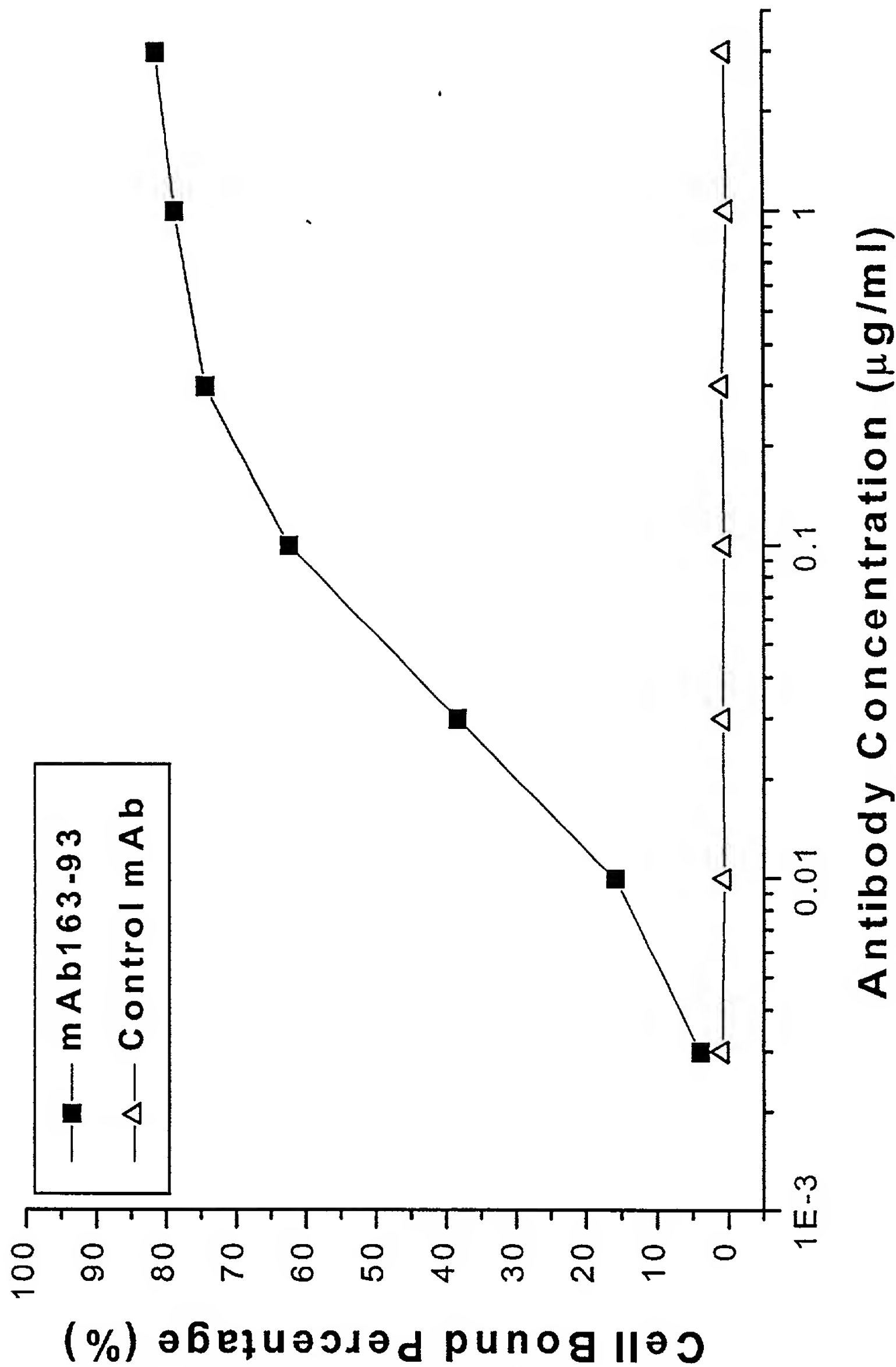


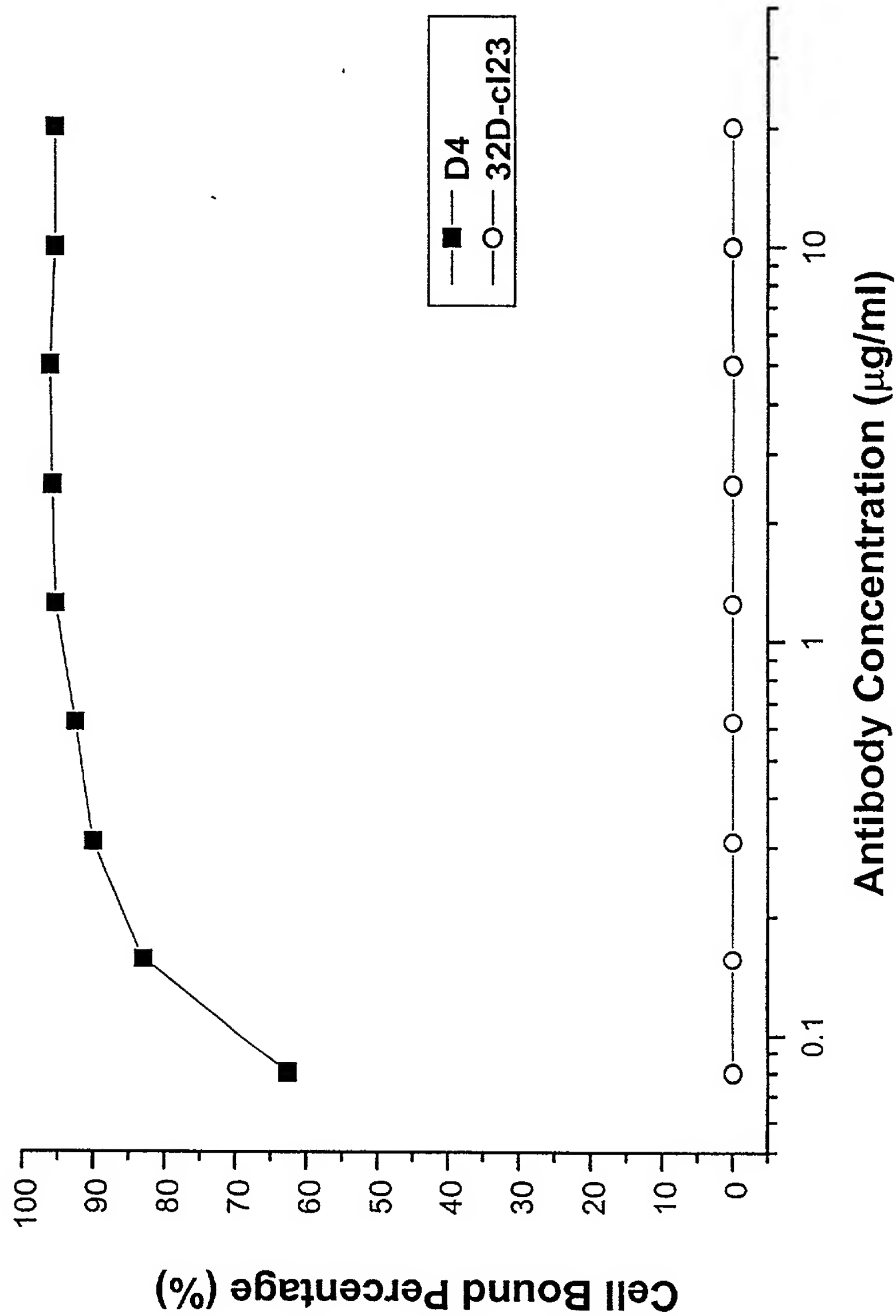
FIG. 3 mAb163-93 specifically binds to human G-CSF receptor/IgG4(Fc) fusion protein as measured by ELISA



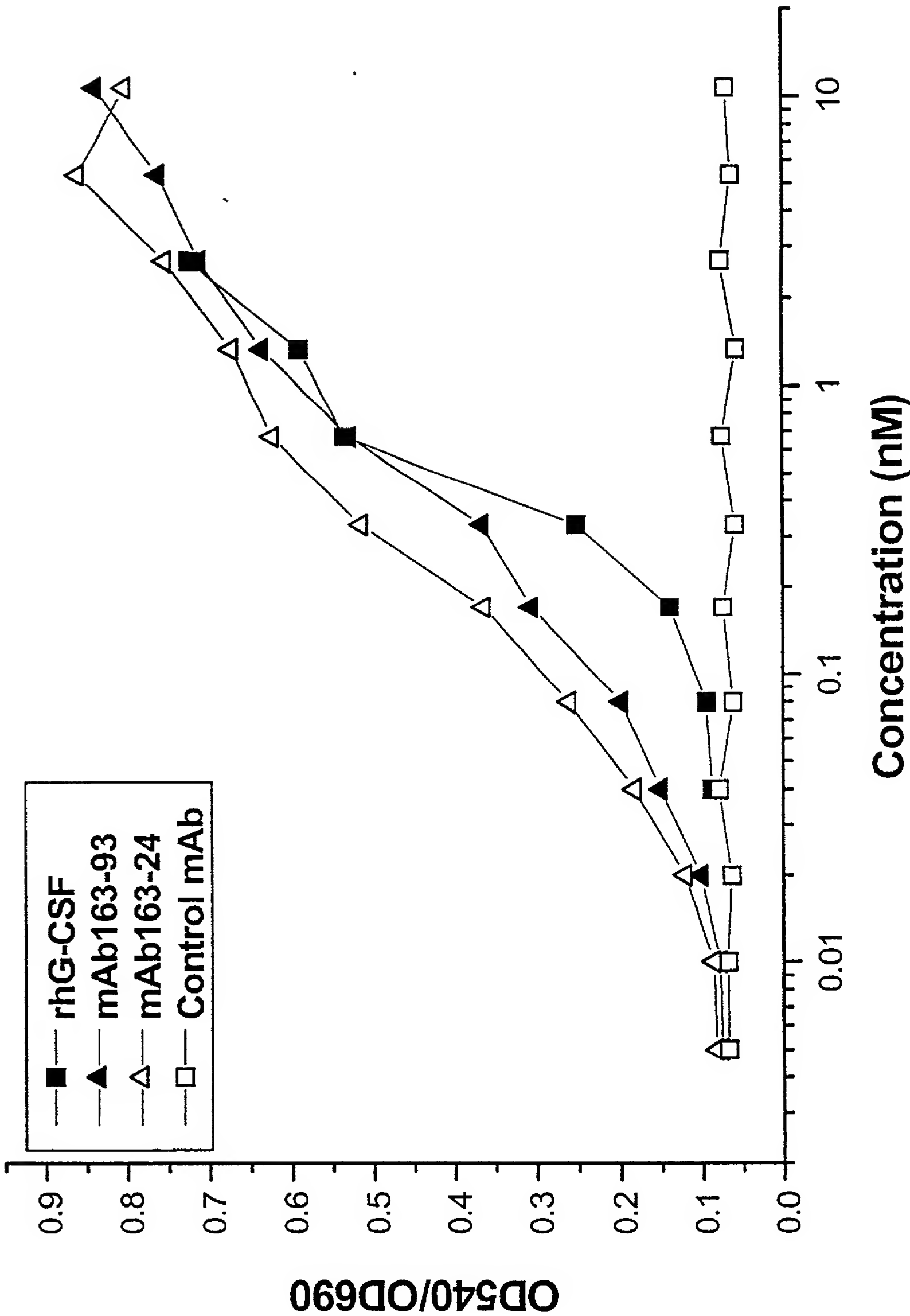
**FIG. 4A mAb163-93, but not the control mAb, binds to the human G-CSF receptor transfected mouse cells D4 as measured by FACS analysis**



**FIG. 4B mAb163-93 binds to human G-CSF receptor transfected mouse cells D4, but not to its parental cells 32D-cl23 as measured by FACS analysis**

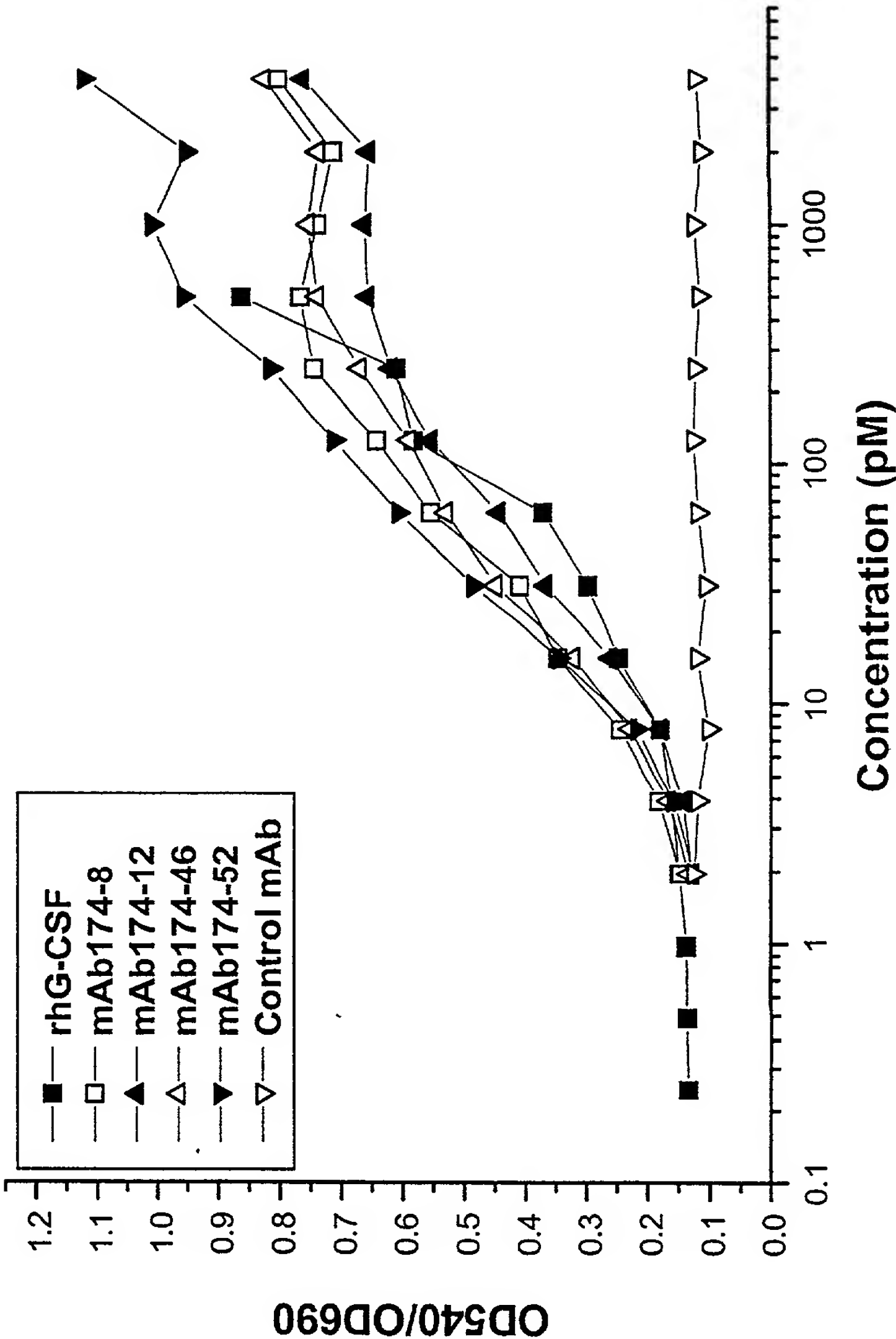


**FIG. 5A** Proliferation of the human G-CSF receptor transfected mouse cells D4 is stimulated by various monoclonal antibodies

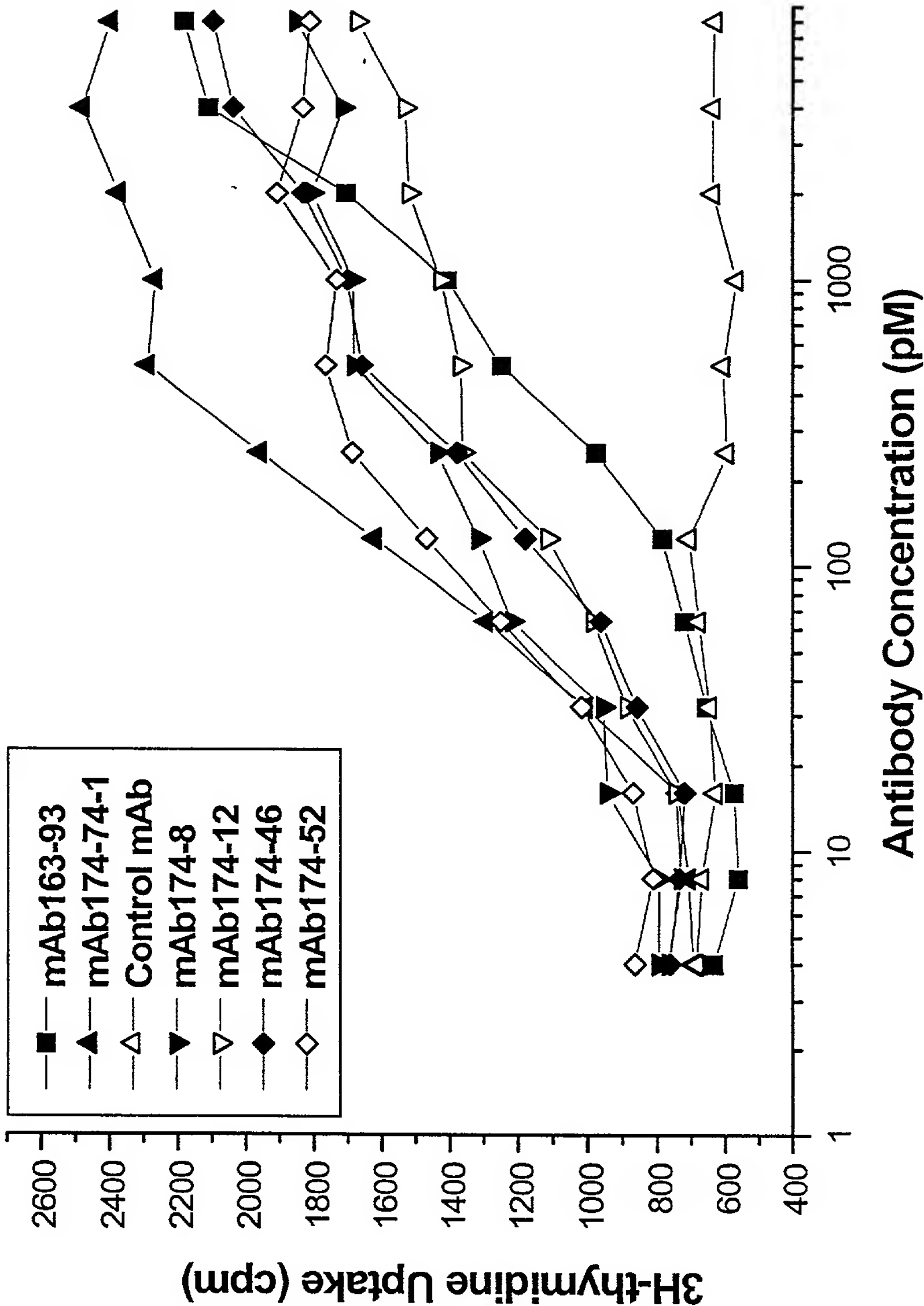




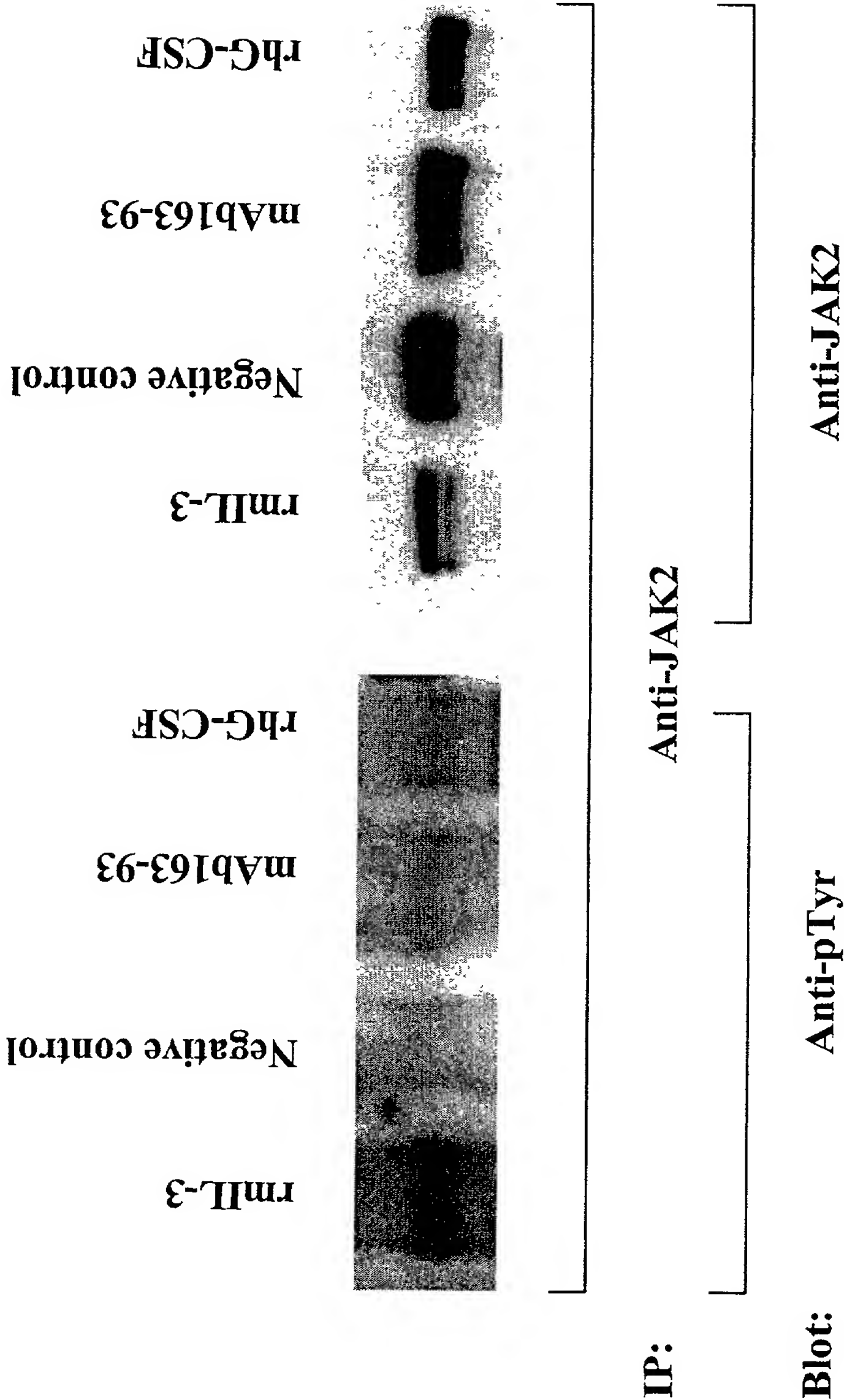
**FIG. 5B Proliferation of the human G-CSF receptor transfected mouse cells D4**  
**is stimulated by various monoclonal agonist antibodies**



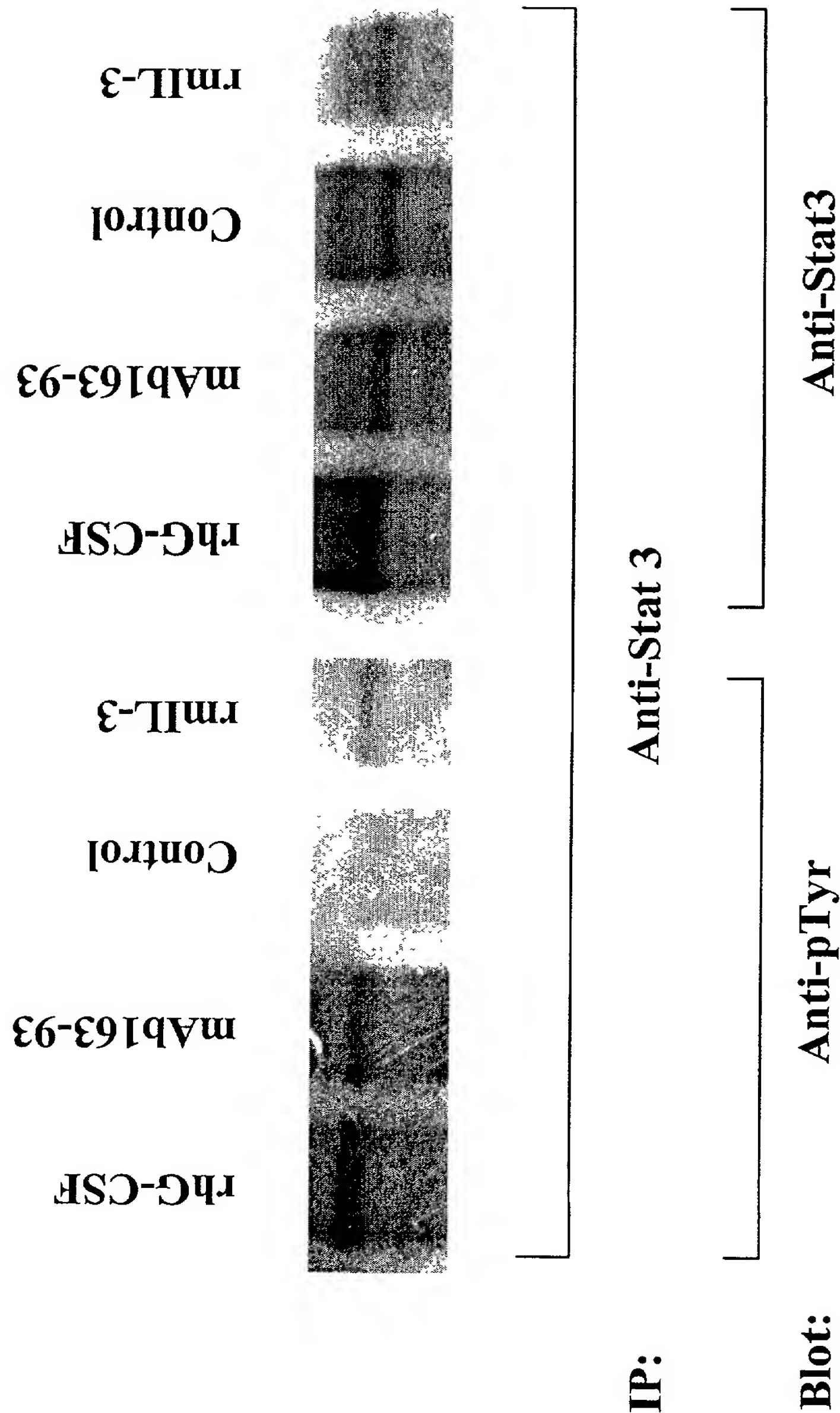
**FIG. 5C** Proliferation of the human G-CSF receptor transfected mouse cells D4 is stimulated by various monoclonal agonist antibodies as measured by <sup>3</sup>H-Thymidine incorporation assay



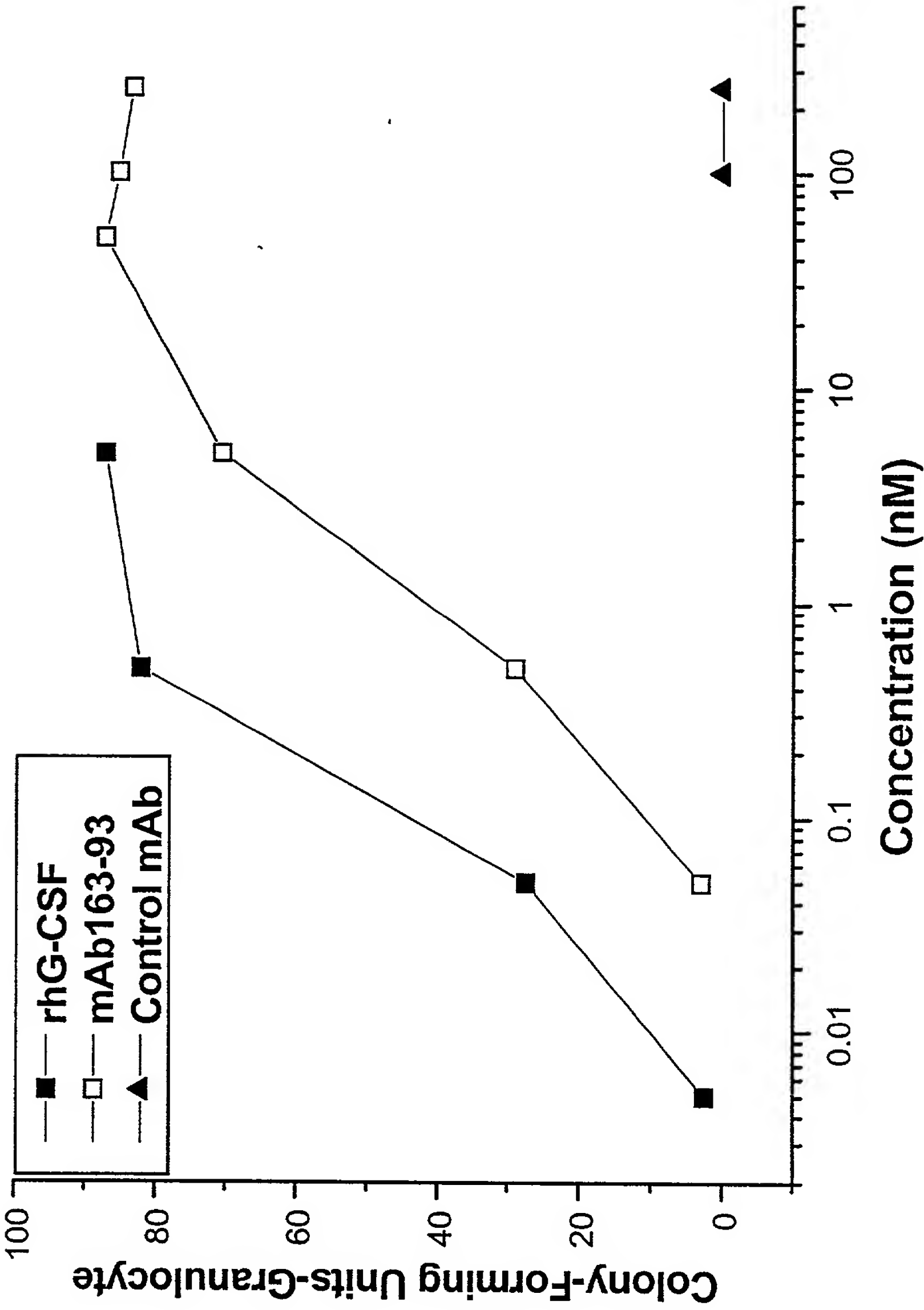
**FIG. 6A Tyrosine phosphorylation of JAK2 kinase  
in the human G-CSF receptor transfected mouse cells D4  
is stimulated by the agonist antibody mAb163-93**



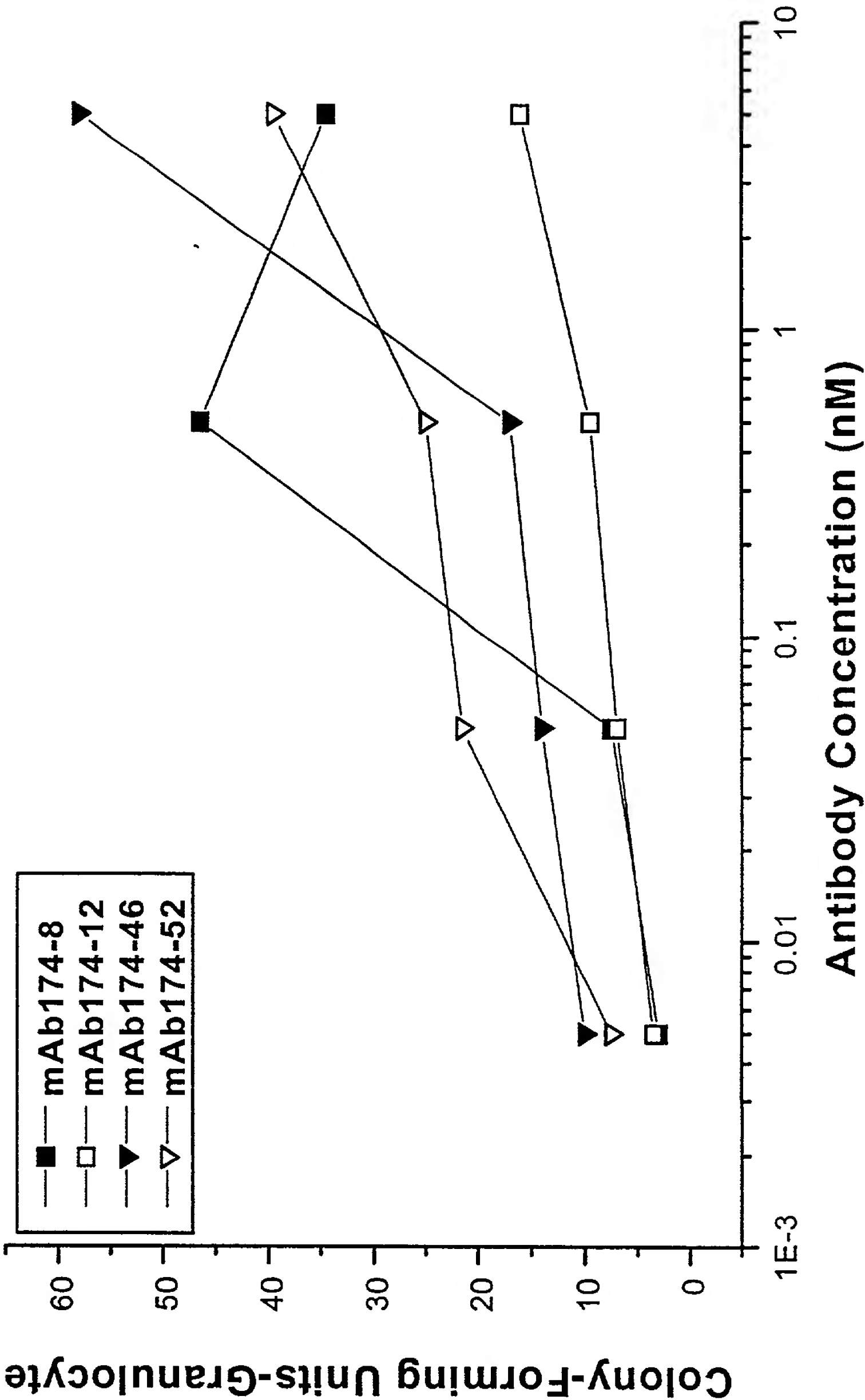
**FIG. 6B Tyrosine phosphorylation of Stat3**  
**in the human G-CSF receptor transfected mouse cells D4**  
**is stimulated by the agonist antibody mAb163-93**



**FIG. 7A Dose-dependent neutrophilic granulocyte colony formation from human bone marrow stimulated by rhG-CSG and mAb163-93**

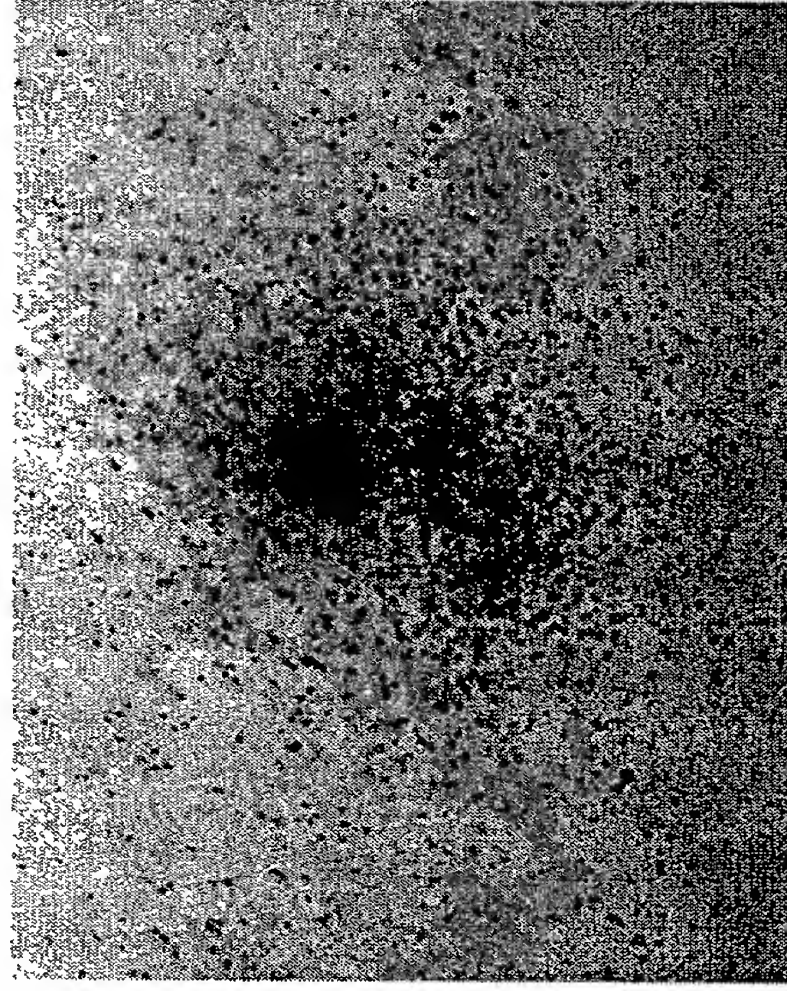
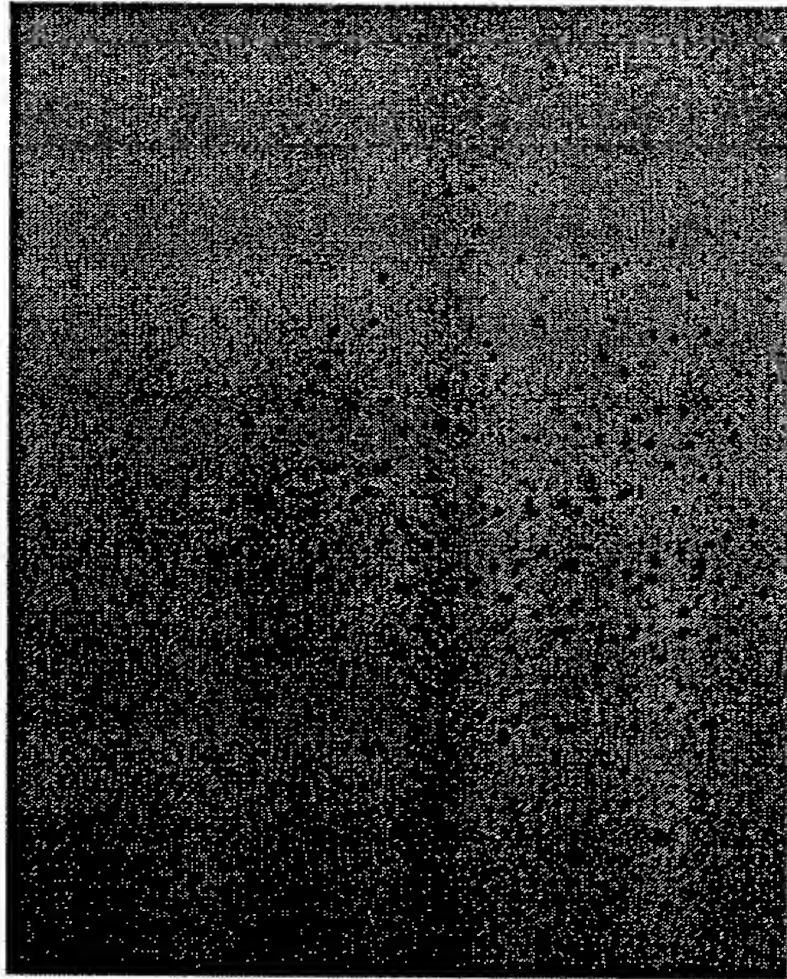


**FIG. 7B Dose-dependent neutrophilic granulocyte colony formation**  
**from human bone marrow stimulated by other antibodies**

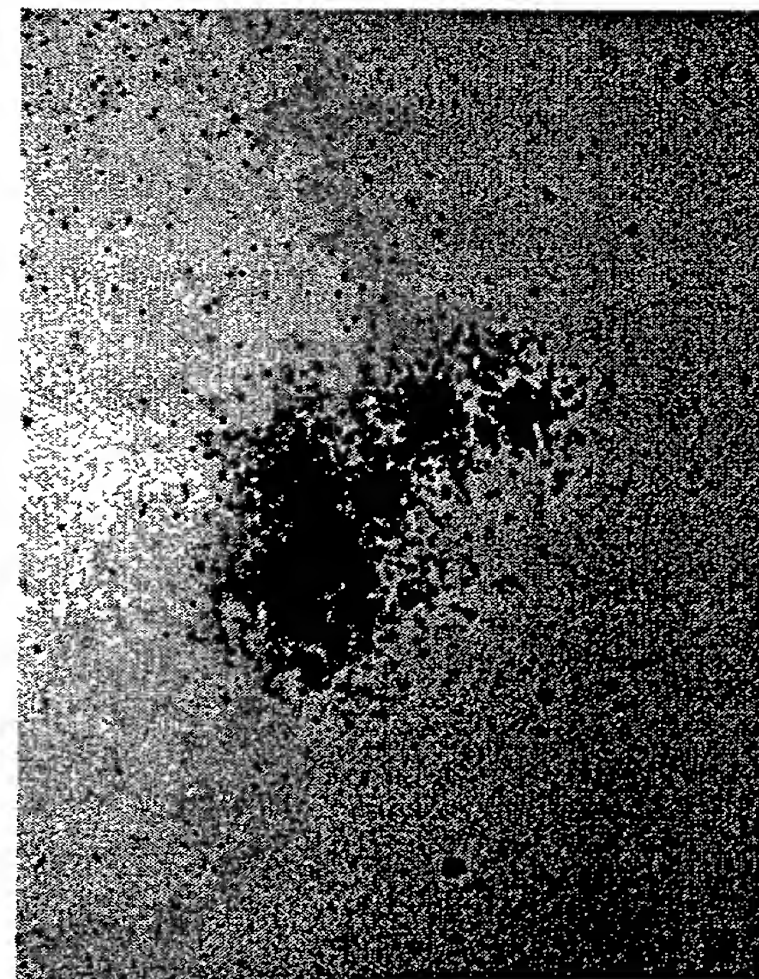




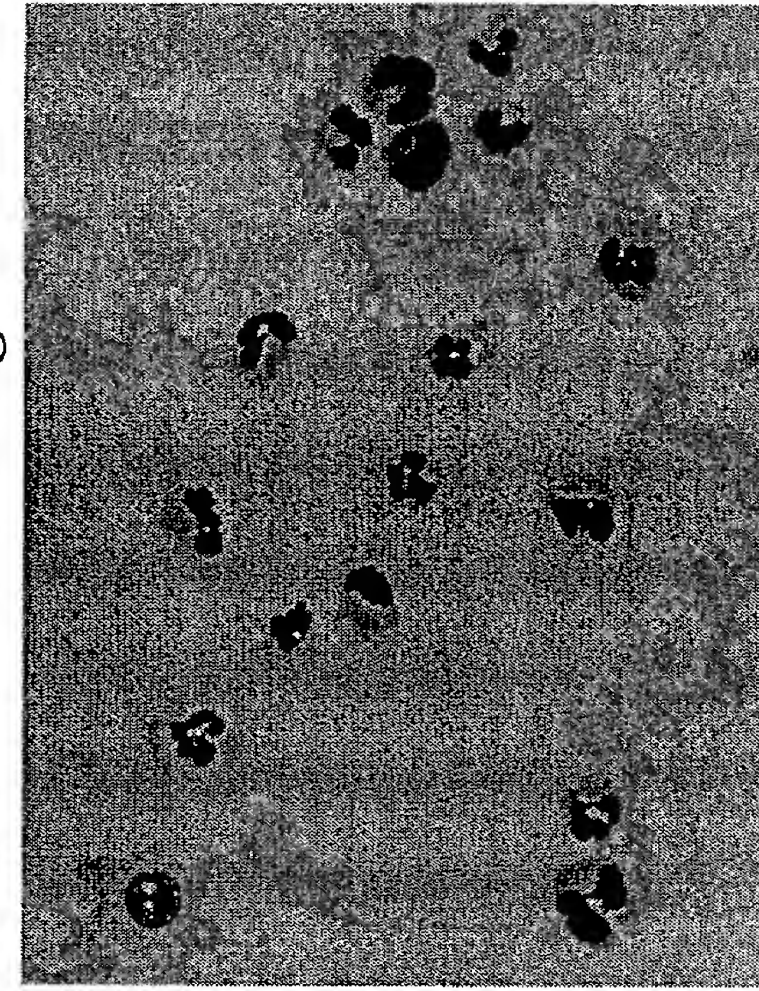
**FIG. 8A Isotype-matched control mAb** **FIG. 8B rhG-CSF**



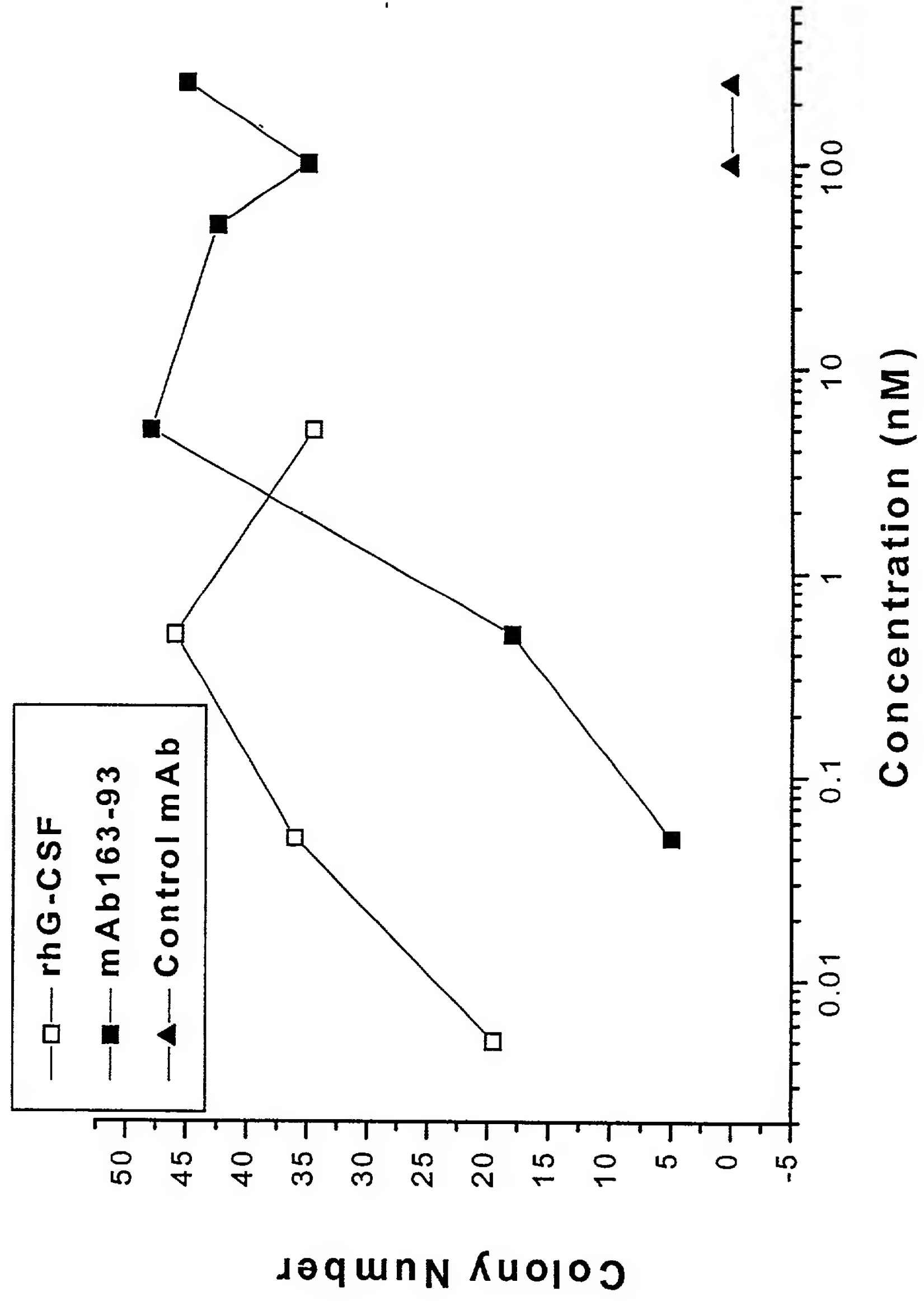
**FIG. 8C mAb163-93**



**FIG. 8D Cell staining**

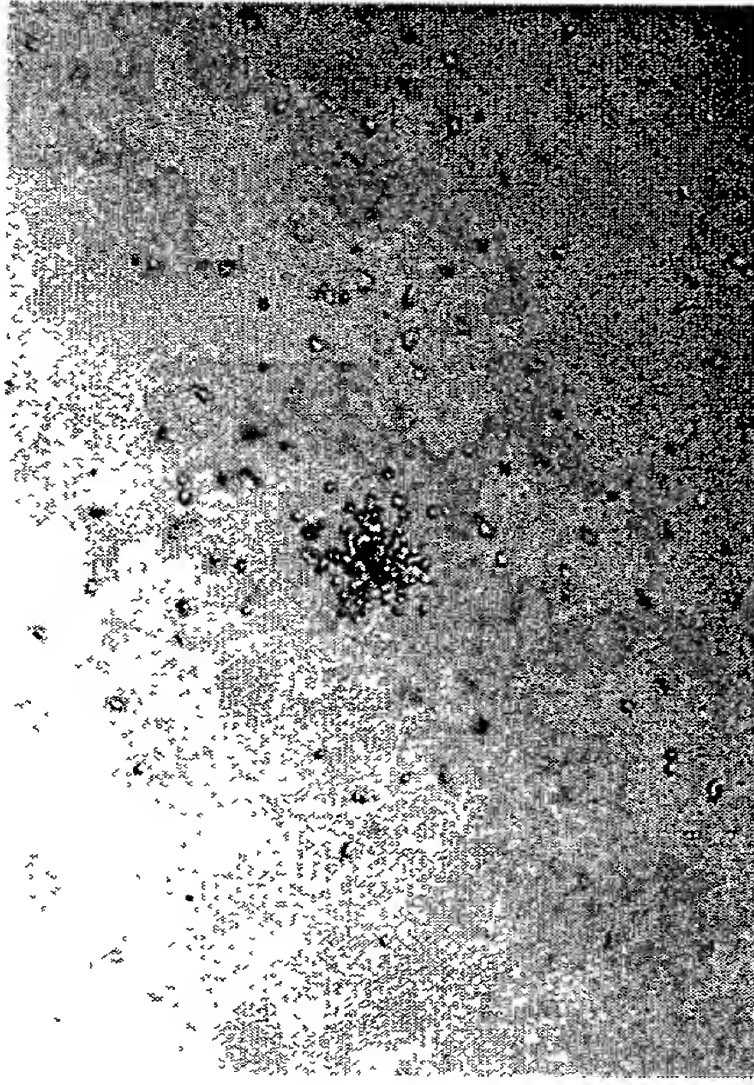


**FIG. 9 Dose-dependent neutrophilic granulocyte colony formation from chimpanzee bone marrow stimulated by mAb163-93 and rhG-CSF**

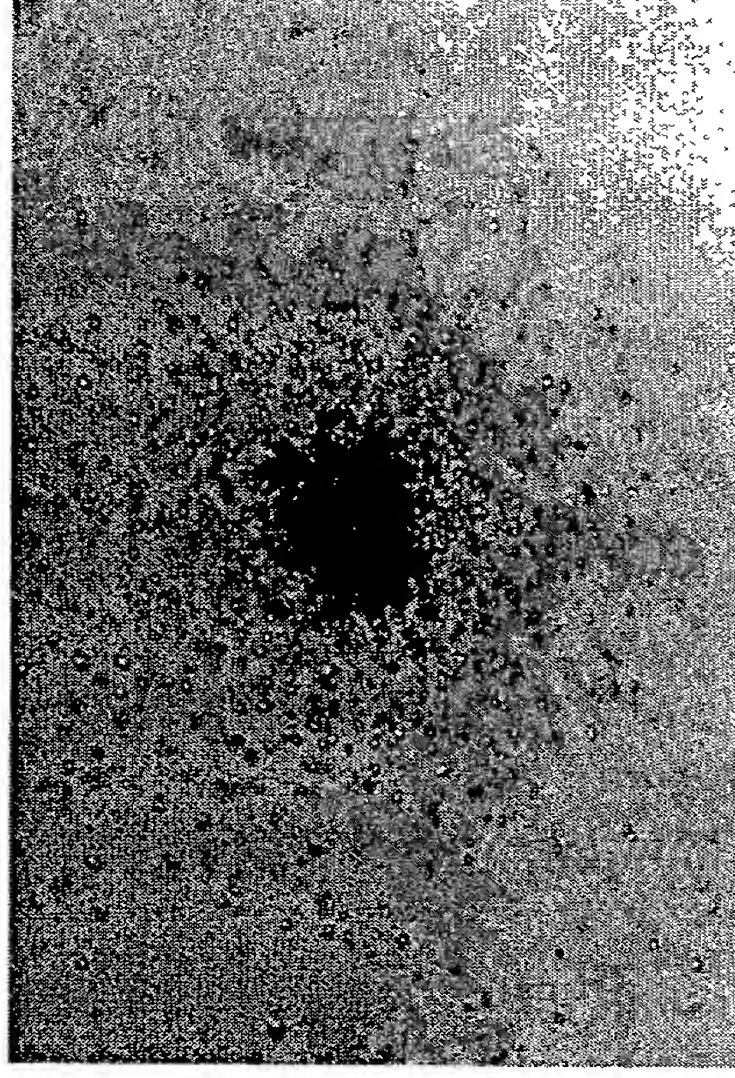




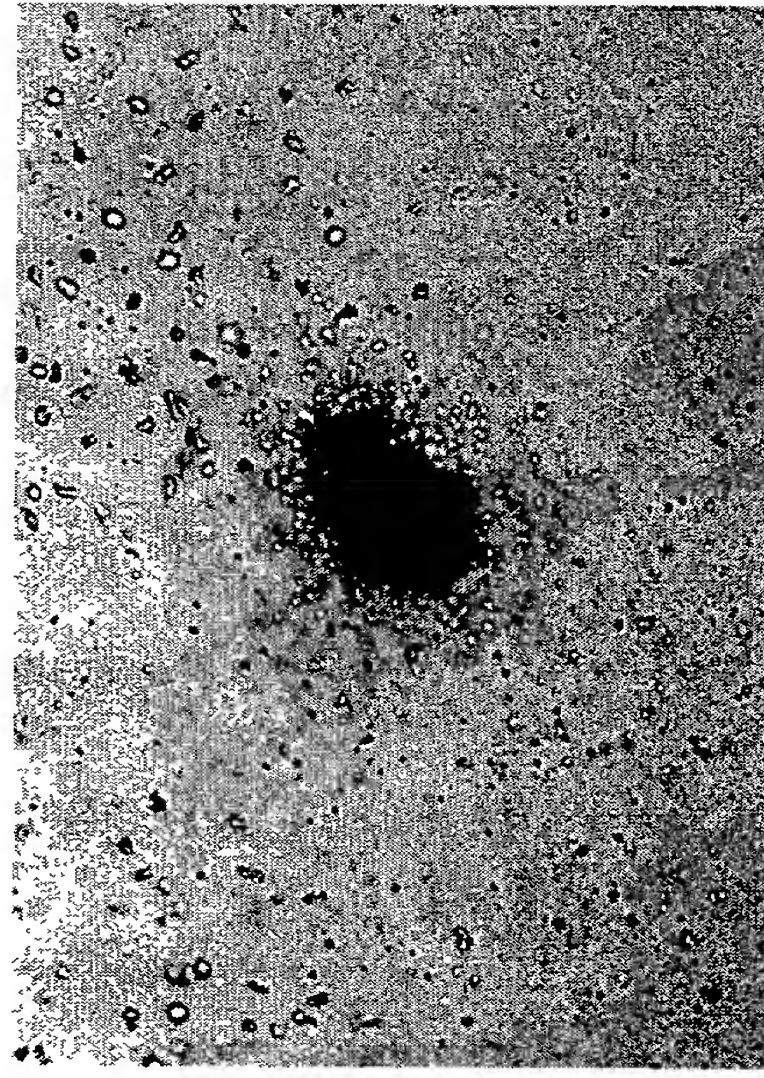
**FIG. 10A** Isotype-matched mAb (50nM)



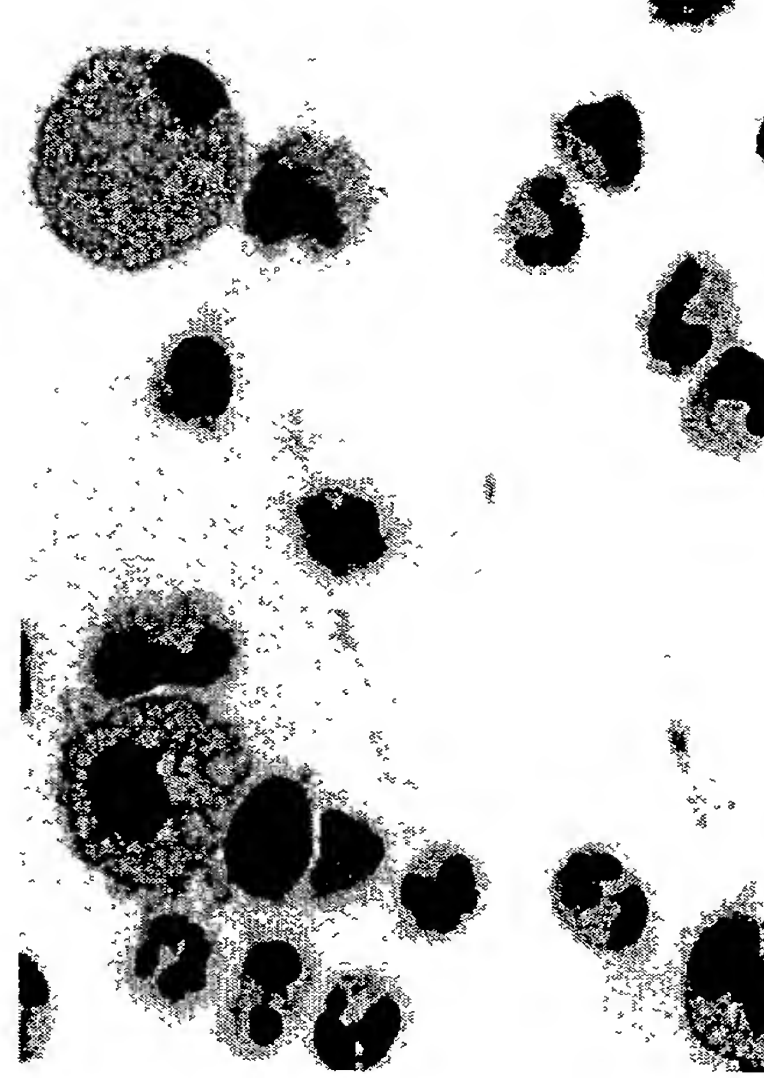
**FIG. 10B** rhG-CSF (0.5 nM)



**FIG. 10C** mAb163-93 (5 nM)



**FIG. 10D** Cell staining



**FIG. 11 mAb163-93 stimulates proliferation of NFS60 expressing endogenous mouse G-CSF receptor**

